

# **Lesson 4**

## **Objectives**

- 1. Define structural triage.**
- 2. List at least 5 basic rules for structural triage.**
- 3. List at least 5 factors to consider in structural triage.**
- 4. Define the INSARAG marking system.**

*more...*

*...continued*

## **Lesson 4**

# **Objectives**

- 5. List and describe the 5 categories of the INSARAG marking system.**
- 6. Demonstrate in a written exercise the use of the INSARAG building marking system.**

# **Basic Rules for Structural Triage**

- 1. Three or more structures**
- 2. Team of structural and hazardous materials specialists**
- 3. Group of buildings:  
within two hours, 15  
minutes per building**

*more...*

*...continued*

# **Basic Rules for Structural Triage**

**4. Many buildings: Two assessment groups**

- a. Structural Assessment**
- b. Hazard Assessment**

**5. Too hazardous: “No Go”**

**6. Building prioritised → Detailed → Structures marked**

*more...*

*...continued*

# **Basic Rules for Structural Triage**

**7. Triage completed —  
begin search and rescue**

■ **Victims removed —  
repeat structural triage**

■ **Aftershock / heavy  
equipment usage —  
repeat structural triage**

# Factors in Structural Triage

- **Occupancy type**
- **Type of structure**
- **Condition of the structure**
- **Mechanism of collapse**
- **Day, date, and time of collapse**

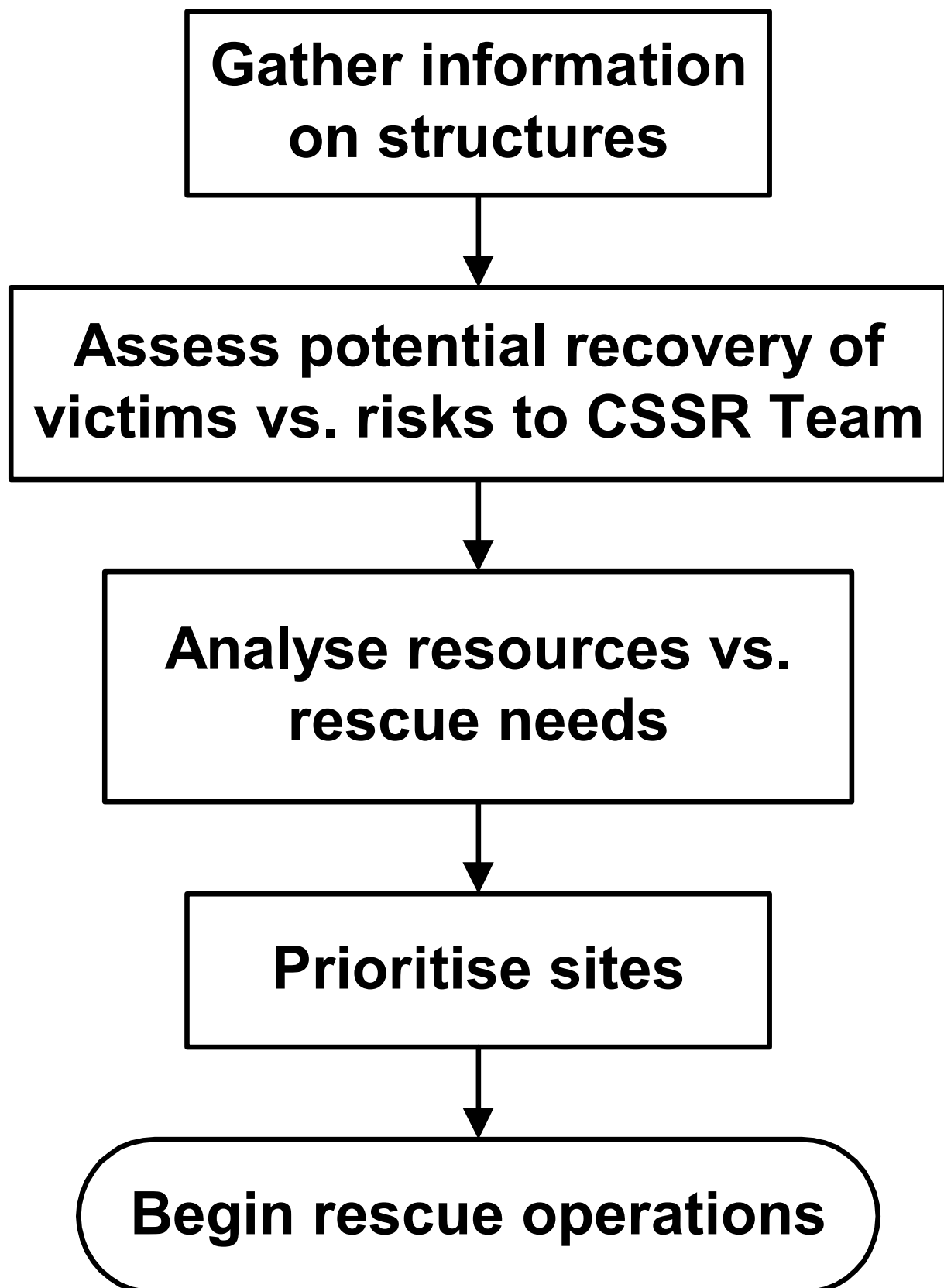
*more...*

*...continued*

# **Factors in Structural Triage**

- **Prior intelligence**
- **Availability of resources**
- **Location of utility shut-offs**
- **Possible presence of hazardous materials**

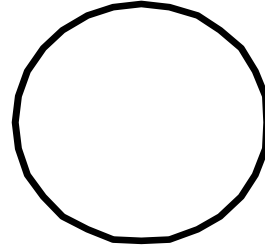
# Basic Decision-Making Process





# Standard Symbol Shapes

**Facilities - circles**



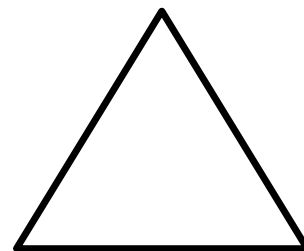
**Zones -  
irregular shapes**



**Command  
function - box**



**Reference point -  
triangle**



**Time notation  
(with arrow point-  
ing to activity site)**

22/11 0700 Hrs.  
23/11 1900 Hrs.

## Additional Examples

**CP**

**Command Post**

**EOC**

**Emergency Operations  
Centre**

**BoO**

**Base of Operations**

**OSOCC**

**Office of Scene Operations  
Coordination Centre**

**OSOCC  
RECEPT**

**Reception Area**

**WS**

**Work Site**

*more...*

*...continued*

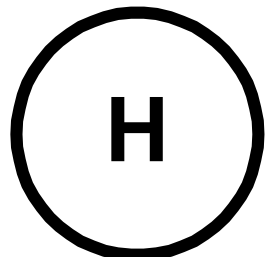
## Additional Examples



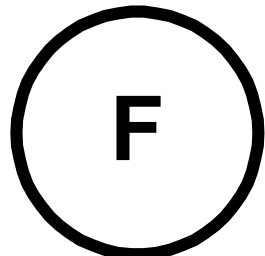
**Airport**



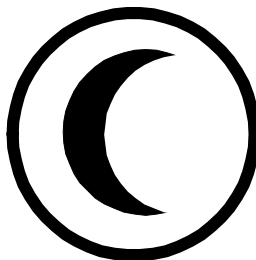
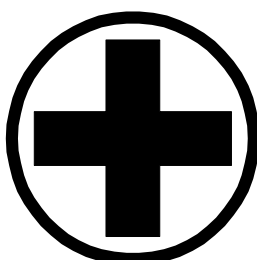
**Landing Zone**



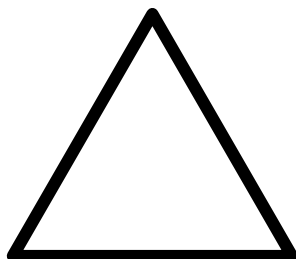
**Hospital**



**Fuel**



**Emergency  
Medical**



**Reference Point  
(include description)**